

Claim Amendments

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

Claim 1 (Currently Amended): A method of making a laminate which is a high gloss film laminate or a composite laminate, comprising:
said method comprising

applying, to at least one substrate, a laminating adhesive comprising

- A) a polymer comprised of free-radically polymerized compounds, and
~~having a Tg ranging from 55 to 0° C, and~~
- B) compounds comprised of ethylenically unsaturated, free-radically polymerizable groups wherein the compounds have a weight-average molecular weight of less than 5000 g/mol[[],]; and

bonding the at least one substrate to a transparent film via the laminating adhesive to form a laminate of the at least one substrate and the transparent film[[],]; ~~thereby forming a high gloss laminate where the transparent film can be embossed without delamination of the laminate~~ wherein when said laminate is a high gloss film laminate, then said substrate is selected from the group consisting of paper and card, and when said laminate is a composite film laminate, then said substrate is selected from the group consisting of polymer films, metallized films and metal foils.

Claim 2 (Previously Presented): The method of claim 1, wherein the polymer is composed of at least 40 % by weight of (meth)acrylates.

Claim 3 (Previously Presented): The method of claim 1, wherein the polymer is crosslinkable by irradiation with high-energy light.

Claim 4 (Previously Presented): The method of claim 1, wherein attached to the polymer is a photoinitiator.

Claim 5 (Previously Presented): The method of claim 1, wherein the polymer has an average molar weight which is at least twice as high as the molar weight of B).

Claim 6 (Previously Presented): The method of claim 1, wherein the polymer has a K value of from 10 to 90 as measured in a 1 % tetrahydrofuran solution at 21⁰ C.

Claim 7 (Previously Presented): The method of claim 1, wherein the polymer is a solution polymer.

Claim 8 (Previously Presented): The method of claim 1, wherein the compounds B) at 21⁰ C and 1 bar are liquid and have a viscosity of from 0.05 to 50 Pas.

Claim 9 (Previously Presented): The method of claim 1, wherein the compounds B) comprise from 1 to 5 polymerizable groups per molecule.

Claim 10 (Previously Presented): The method of claim 1, wherein the polymerizable groups of the compounds B) are acryloyl or methacryloyl groups.

Claim 11 (Previously Presented): The method of claim 1, wherein the compounds B) are (meth)acrylic esters of polyhydric, unalkoxylated or alkoxylated alcohols.

Claim 12 (Previously Presented): The method of claim 1, wherein the weight fraction of the compounds B) is from 5 to 70 % by weight, based on the total weight of A) +B).

Claim 13 (Previously Presented): The method of claim 1, further comprising from 0.0001 to 1 mol of a photoinitiator or photoinitiator group per 100 g of the total weight of polymer A) and compounds B).

Claim 14 (Previously Presented): The method of claim 1, further comprising less than 5 parts by weight of water or solvent, based on 100 parts by weight of the total weight of A) and B).

Claim 15 (Canceled).

Claim 16 (Previously Presented): The method of claim 1, wherein the transparent film carries print.

Claim 17 (Previously Presented): A laminate produced by the method of claim 1.

Claim 18 (Previously Presented): The method of claim 1, wherein the transparent film is transparent to UV light.

Claim 19 (Previously Presented): The method of claim 1, wherein the transparent film is transparent to an electron beam.

Claim 20 (Previously Presented): The method of claim 1, further comprising irradiating the transparent film with high-energy light.

Claim 21 (Previously Presented): The method of claim 1, wherein the compound of component (b) has a weight-average molecular weight of at least 250 g/mol.

Claim 22 (New) The method of claim 1, wherein said composite film laminate is a packaging material.

Claim 23 (New) The method of claim 1, wherein the free-radically polymerized compound (A) has a Tg ranging from -55 to 0° C.